



U M O D P C



# RECEPTION, STAGING, ONWARD MOVEMENT & INTEGRATION (RSO&I)

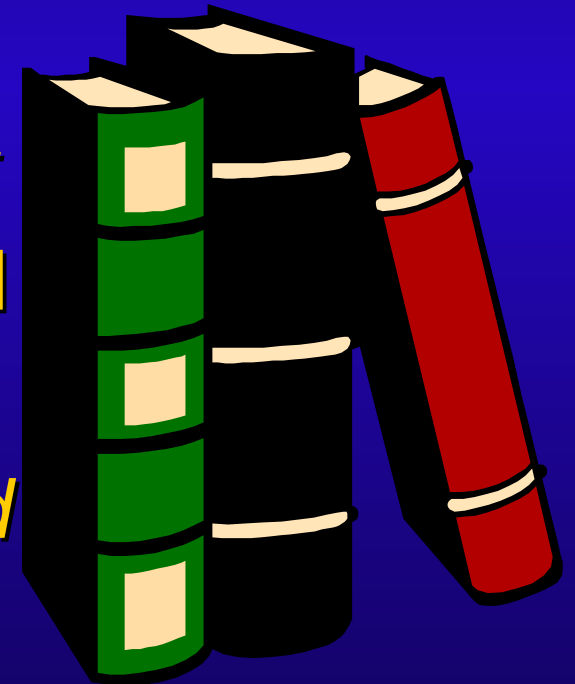
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# References



- FM 100-17-3: *Reception, Staging, Onward Movement and Integration (RSO&I)*
- FM 55-65: *Strategic Deployment*
- FM 100-17-1: *Army Prepositioned Afloat (APA)*
- FM 100-17-2: *Army Prepositioned Land*





# Deployment Phases



## ① Pre-deployment Activities

### □ Movement to POE



### □ Strategic Lift

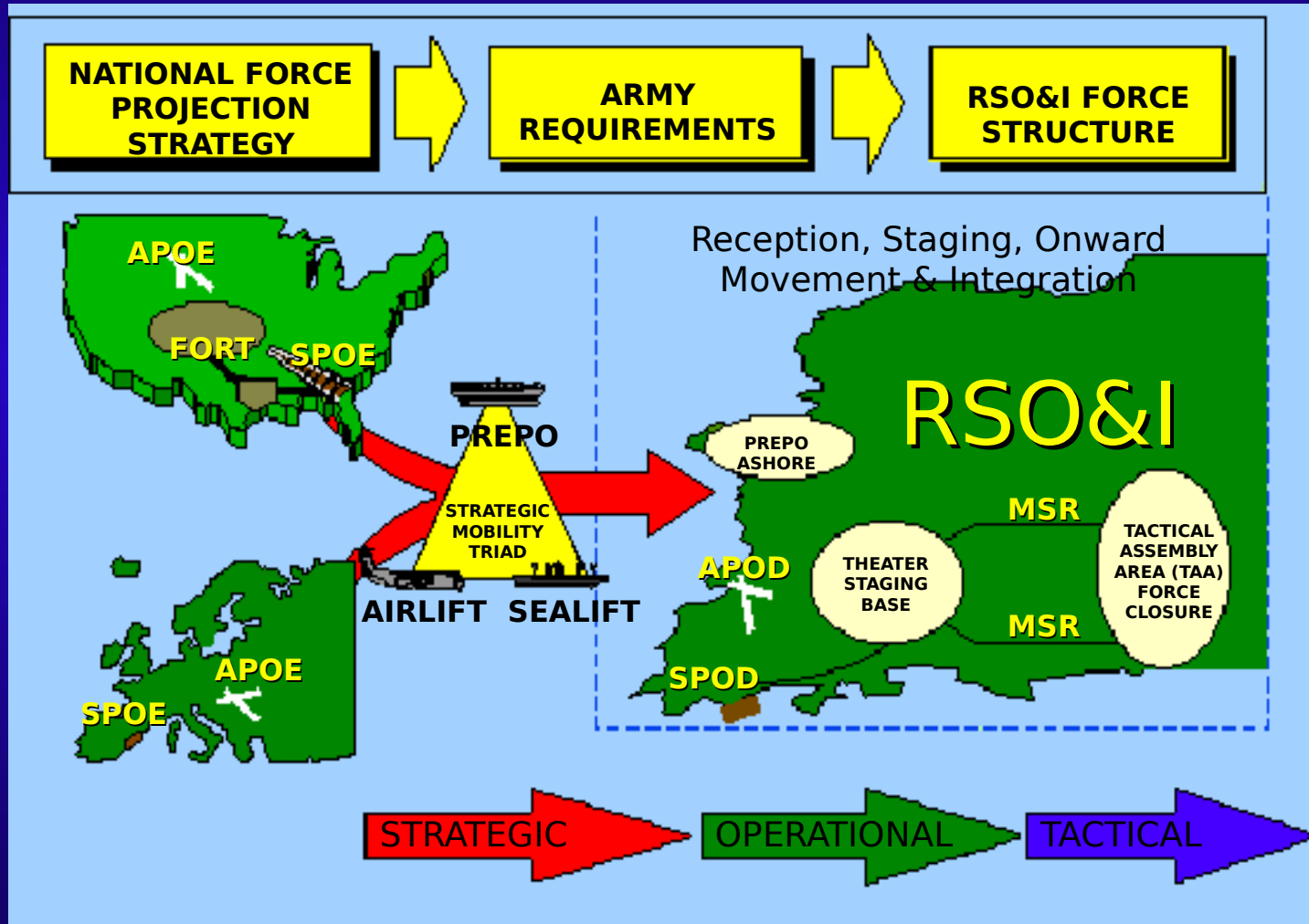


### □ Reception, staging, onward movement & integration (RSO&I)





# Deployment Process





# RSO&I -- What Is It?



## RSO&I -- A New Term for an Old Problem

*Problem: How to receive personnel and equipment into a theater of operations, rejoin these elements into combat ready units, and integrate these units into the theater's comm structure.*





# RSO&I -- Reception



- Reception:

Unloading passengers and equipment from strategic lift

Marshaling arriving units

Transporting units to staging areas (if required)

Providing deploying soldiers life support



# RSO&I -- Staging



- Staging:
  - Assembling & organizing arriving personnel
  - and equipment into units and forces
  - Building combat power
  - Preparing units for onward movement
  - Providing deploying soldiers life support until unit is self sustaining



# RSO&I -- Onward Movement



- Onward Movement:

Units & equip move from reception & staging areas to tactical assembly areas (TAAs) or other destinations





# RSO&I -- Integration



- Integration:  
Authority over deploying unit is transferred to designated commander in theater  
To achieve integration--
  - + Unit must be operational and mission ready
  - + Unit must be absorbed into joint force



# Unit and UMO Planning Considerations for

## RSO&I

- Review procedures and tasks in higher headquarters and theater RSO&I plans
- Is deployment opposed or unopposed?

For opposed operations, units configure tactically for deployment.

For unopposed operations:

- + Personnel normally move by air, equip by
- + Personnel & equip reassembled into tactical units in theater



# Unit & UMO Planning Considerations RSO&I (Cont)



- Is the unit drawing Army Prepositioned Stocks (APS) in theater?

If drawing APS -- Unit Cdr & UMO must review battlebook for APS site/ship.

Information is available in Automated Battlebook System (ABS)



# Unit & UMO Planning Considerations RSO&I (Cont)

- Develop unit battlebook with information about destination & RSO&I operations. Include:
  - Info/pictures on POD layout & facilities
  - Convoy routes
  - Plans/location for drawing APS
  - POCs & supporting commands/agencies





# SUMMARY



# On Learnin g





# On Learnin



QUESTION 1: What RS&I process focuses on

assembling and organizing arriving personnel and equipment into units and

forces?

Answer 1: The Staging process assembles, holds, and organizes arriving personnel and equipment into units and forces.



# On Learnin g



QUESTION 2: What system can provide the UMO detailed information on equipment at APS sites and on APS ships?

Answer 2: The Automated Battlebook System (ABS) provides detailed information on equipment at APS sites and on APS ships.



# Reception





# Possible Reception Scenarios



- Scenario 1. Unit and equipment arrive via air at APOD
- Scenario 2. Soldiers arrive by air at APOD, equip arrives by sea at SPOD. Soldiers and equipment reassembled at in-theater staging
- Scenario 3. Soldiers arrive at APOD, then move to APS land or afloat locations to draw APS





# Scenario 1





# Reception Operations -- Joint Aerial Port Complexes

- Soldiers and/or equipment may arrive at a Joint Aerial Port Complex

May be large complex containing airfield and numerous support functions

Includes terminal support functions such as

A/DACG, movement control, equip and cargo

holding areas, postal facilities, helicopter assembly areas





# APOD Operations -- Key Organizations and Activities

- Arriving unit interfaces with and is supported

USAF Aerial Port Squadrons (APS) or Tanker Airlift Control Elements (TALCE)

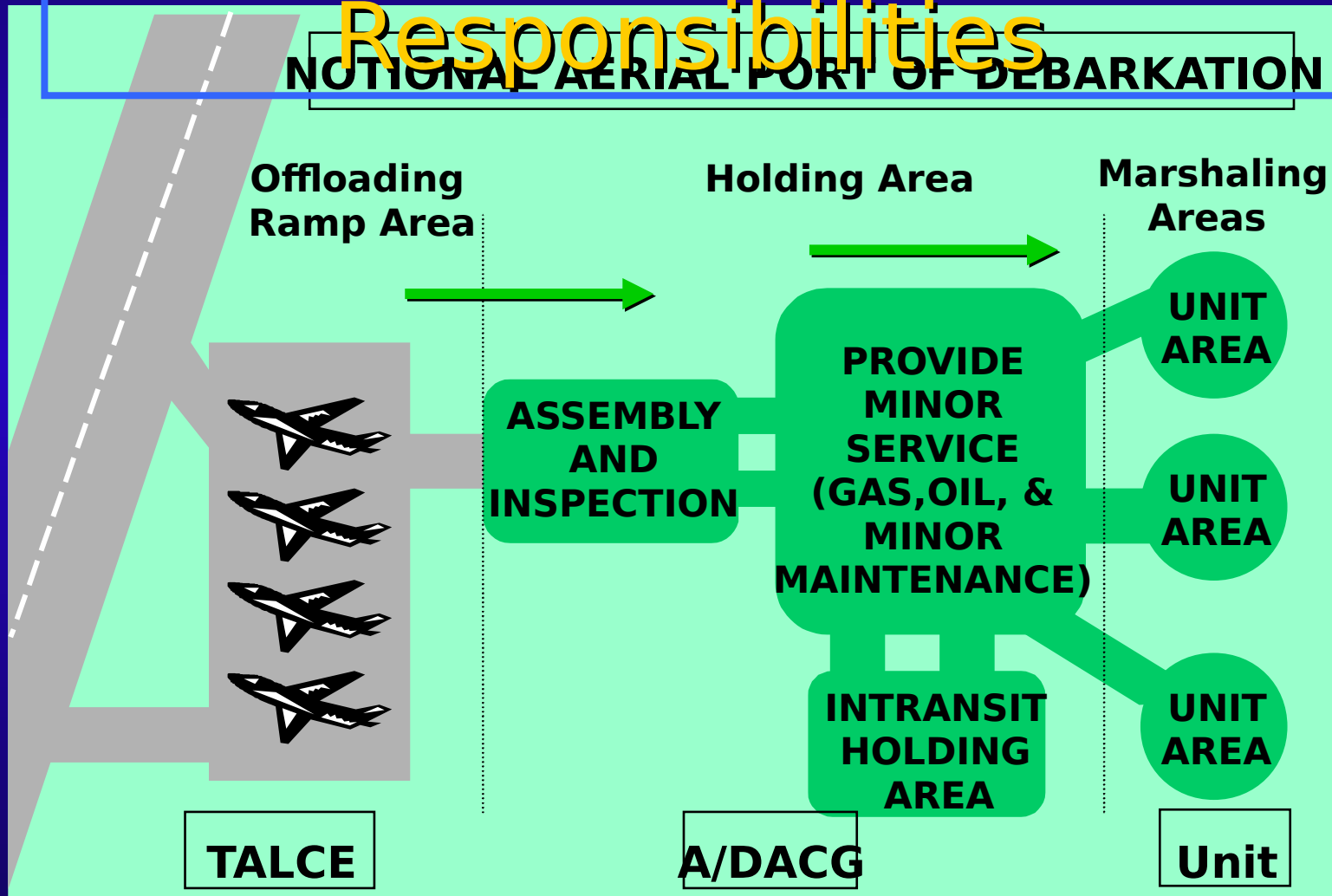
Arrival/Departure Airfield Control Group (A/DACG)

Movement Control (Movement Control Agency Port Movement Control Team)

Designated support organizations from receiving command and host nation support



# APOD Operations -- Airfield Functions and Responsibilities





# APOD Operations -- Offload Ramp Area



- TALCE operations and responsibilities

TALCE controls offload ramp area

Supervises aircraft unloading

Provide offload equip (e.g., MHE) as required

Releases aircraft loads to A/DACG control



# APOD Operations -- Offload Ramp Area (Cont)



- A/DACG operations and responsibilities
  - Maintains coordination with TALCE & arriving unit
  - Provides offload teams & support equipment (as required)
  - Accepts aircraft loads from TALCE at agreed location
  - Coordinates with TALCE for return of unit's shoring and dunnage



# APOD Operations -- Offload Ramp Area (Cont)



- Arriving Unit responsibilities

Assist, as required, in unlashng and offloading aircraft

Retain shoring and dunnage for redeployment

Provide A/DACG copy of pax and cargo manifest



# APOD Operations -- Holding Area



- A/DACG operations and responsibilities

A/DACG controls holding area

Coordinates with TALCE & arriving unit

Releases aircraft load to arriving unit

Coordinates move of unit pallets to unit marshaling areas

May provide minor services (fuel, maintenance) for arriving unit vehicles





# APOD Operations

## -- Holding Area (Cont)



- Arriving Unit activities

Provides a liaison to A/DACG to facilitate processing of arriving unit plane loads

Assists A/DACG as required

Drives unit vehicles from holding area to unit marshaling area

Coordinates with movement control teams that may be operating in port area



# APOD Operations

## -- Unit Marshaling Area



- Arriving Unit activities

Install equipment that was removed for strategic deployment

Perform maintenance checks and refueling

Prepare and organize for movement (convoy, rail, airlift, inland water)



# APOD Operations -- Unit Marshaling Area (Cont)



- Area Support Group (ASG) or other designated organization  
May provide life support / services for deploying
- Movement Control Teams (MCTs)  
Port & Area MCTs operate in APOD ops area  
Assist units in onward movement  
Coordinate & task for transportation assets required by deploying unit



# APOD Operations -- UMO Considerations & Duties



- Develop unit plan for departing marshaling area based on higher hq's, ASCC & theater RSO&I. Unit may move equipment to railhead for onward movement to destination. Vehicles may convoy and soldiers move by bus.
- UMO coordinates move with MCT or other supporting movement organization
- UMO coordinates with ASG or other support units operating railheads, bus transport, etc.



# APOD Operations -- UMO Considerations/Duties (Cont)

- Bottom line: UMO performs tasks & coordinates to move unit out of port area. May include:  
Preparing for convoy move (convoy requests)  
Organizing unit for rail (load teams, vehicle reconfiguration) bus, or other modes
- Key consideration: Split UMO operations  
UMO arrives early to coordinate theater movements, alternate UMO supports

APOE

departure and arrives later in flow



## Scenario 2

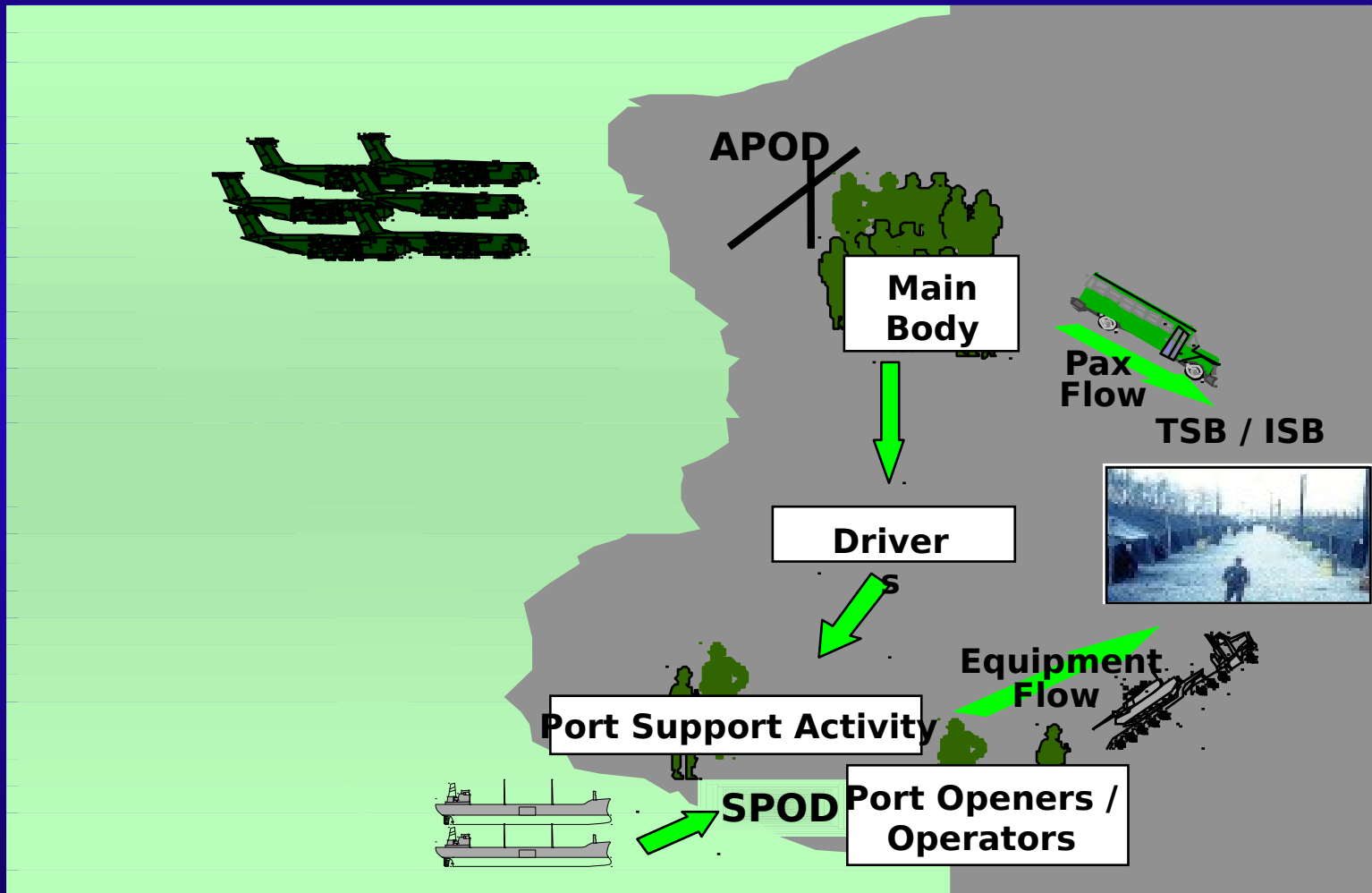


- Soldiers arrive by air at APOD  
Vehicle drivers move to SPOD  
Unit main body moves to theater staging base
- Equipment arrives at SPOD  
Drivers and mechanics prepare equipment  
for movement to theater staging base
- Equipment & soldiers reassembled at TSB





# Scenario 2 -- Air and Sea Reception





# SPOD Operations -- Joint Water Port Complexes

- Equipment arrival at Joint Water Port Complex

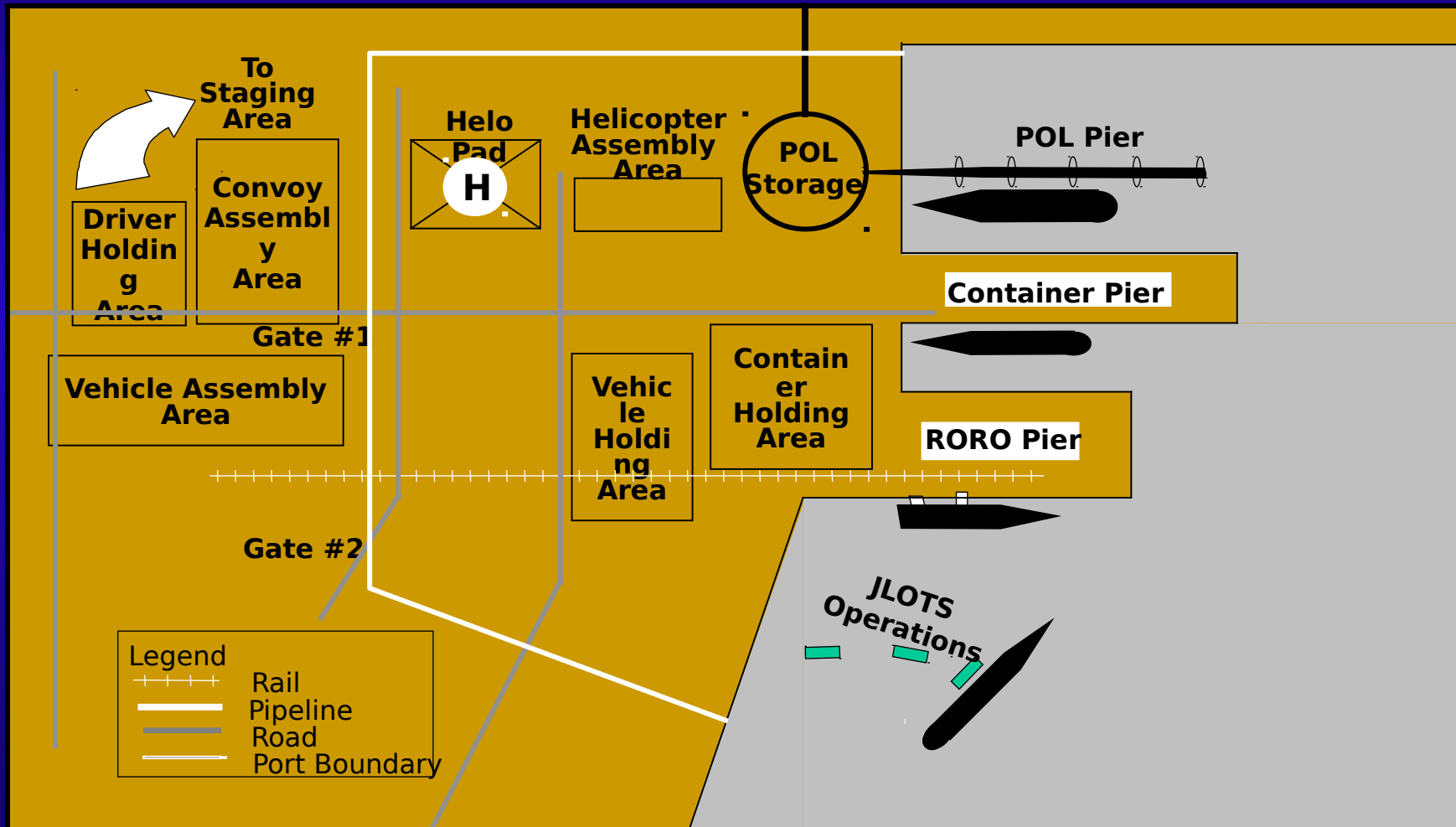
May be large complex with multiple piers (PC, RO/RO, container) & area for JLOTS operation

Includes terminal support functions/areas:

- + Transportation mode ops & movement control
- + Port Support Activity
- + Convoy and helicopter assembly areas
- + Vehicle, cargo and container holding areas



# Joint Water Port Complex (Notional)



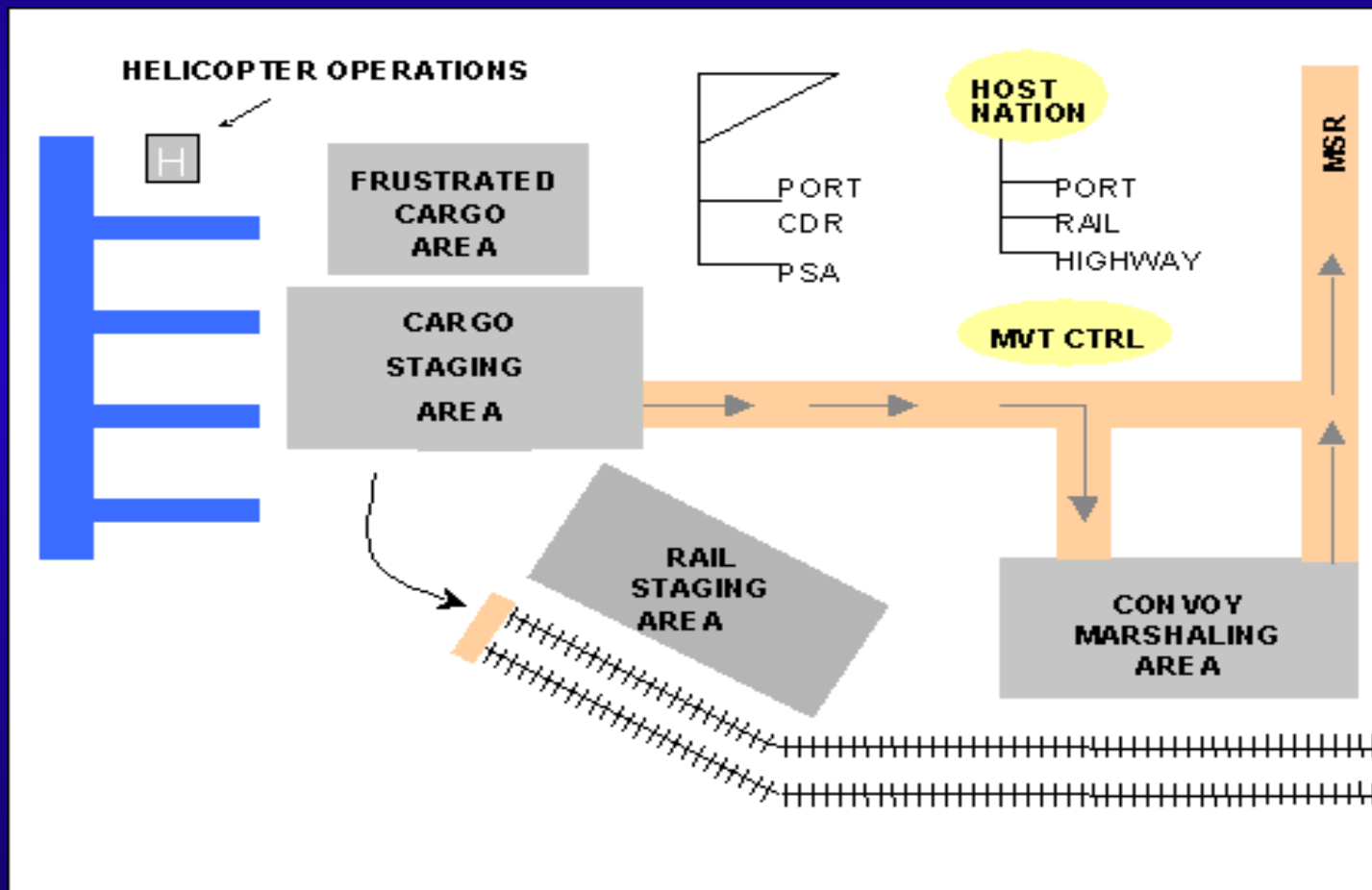


# SPOD Operations -- Key Organizations and Activities

- Arriving unit interfaces with and is supported  
MTMC -- Single Port Manager  
Port Support Activity (PSA)  
Movement Control Teams (MCT)  
ASG or other designated supporting units



# SPOD Organization (Notional)





# SPOD Operations -- Port Operating Area



- Port Area includes ship discharge area and port staging area

- MTMC manages port operations in port area

Discharges unit equipment from vessel

Stages equipment in port staging area

Releases equipment to unit





# SPOD Operations -- Port Operating Area (Cont)



- Port Support Activity (PSA) operates in direct support of MTMC
- PSA operates in port staging area
  - Receives & stages discharged equipment
  - Provides licensed vehicle operators for all types of equipment
  - As required, provides maintenance capability to support arriving unit vehicles



# SPOD Operations -- Port Operating Area (Cont)



- Area Support Group (ASG) (or other designated organization)  
May provide life support / services for deploying
- Movement Control Organizations  
Port & Area MCTs operate in SPOD ops area  
Assist units in onward movement  
Coordinate & task for transportation assets required by deploying unit



# SPOD Operations -- Port Marshaling Area



- Arriving Unit activities

Reinstall equipment removed for strategic deployment

Unpack containers and repack cargo as vehicle secondary loads

Perform maintenance checks and refueling

Prepare and organize equipment for onward movement (convoy, rail, inland water)



# SPOD Operations -- Port Marshaling Area (Cont)



- Arriving Unit activities (Cont)

Port marshaling area may not be available

Units may have to move directly to destination

Prepare and organize equipment for onward movement at port staging area

Must coordinate with port commander to reduce interference at port



# SPOD Operations -- UMO Considerations & Duties



- Advance movement planning prior to theater arrival

Based on RSO&I plan, higher hq's guidance

- Coordination with MCT at APOD for transport

Advance party teams such as vehicle drivers to SPOD

Main body to theater staging base



# SPOD Operations -- UMO Considerations/Duties (Cont)



- UMO Coordination at SPOD:

Port Manager staff & PSA for receiving unit equipment

Movement Control Agency or MCTs for onward movement of equip to theater staging base



# SPOD Operations -- UMO Considerations/Duties (Cont)



- Equipment could move to TSB by convoy, rail, military/commercial truck, inland waterway

UMO coordinates with MCT for required transportation assets, convoy clearances, local movement procedures

UMO coordinates with designated support units operating railheads, convoy assembly areas





# SPOD Operations -- UMO Considerations/Duties (Cont)



- Split UMO operations?

UMO representative may have to be at APOD

UMO representative may have to be at SPOD

UMO may have to coordinate at TSB or other designated areas

- UMO must oversee various operations & use alternate UMO or have knowledgeable rep



## Scenario 3



- Soldiers, TAT and non authorized prepositioned (NAP) items arrive APOD
- Arriving unit will draw APS from:
  - Army Prepositioned Afloat (APA) vessels that sail to the theater, or
  - Army Prepositioned Land (APL) sites located in theater



## Scenario 3 (Cont)

- For APA operations, unit moves from APOD to  
support, in following sequence:
  - Survey, Liaison, Reconnaissance
  - Advance party
  - PSA personnel (if required)
  - Main body
- For APL operations, advance party moves from APOD to APS site, followed by main body



# Unit & UMO Considerations for APS Operations

- References are:
  - FM 100-17-1, *APA Operations*, provides doctrine and procedures for afloat operations
  - FM 100-17-2, *APL Operations*, provides doctrine and procedures for ashore operations



# Unit & UMO

## Considerations for APS Operations (Cont)

- For APS operations, unit will generally operate as part of battalion or brigade size forces
  - UMO gathers available information about move to APS sites before unit arrives theater
    - Coordination with Bn/Bde movement officers & S-4
- Unit plans based on higher hq's plans



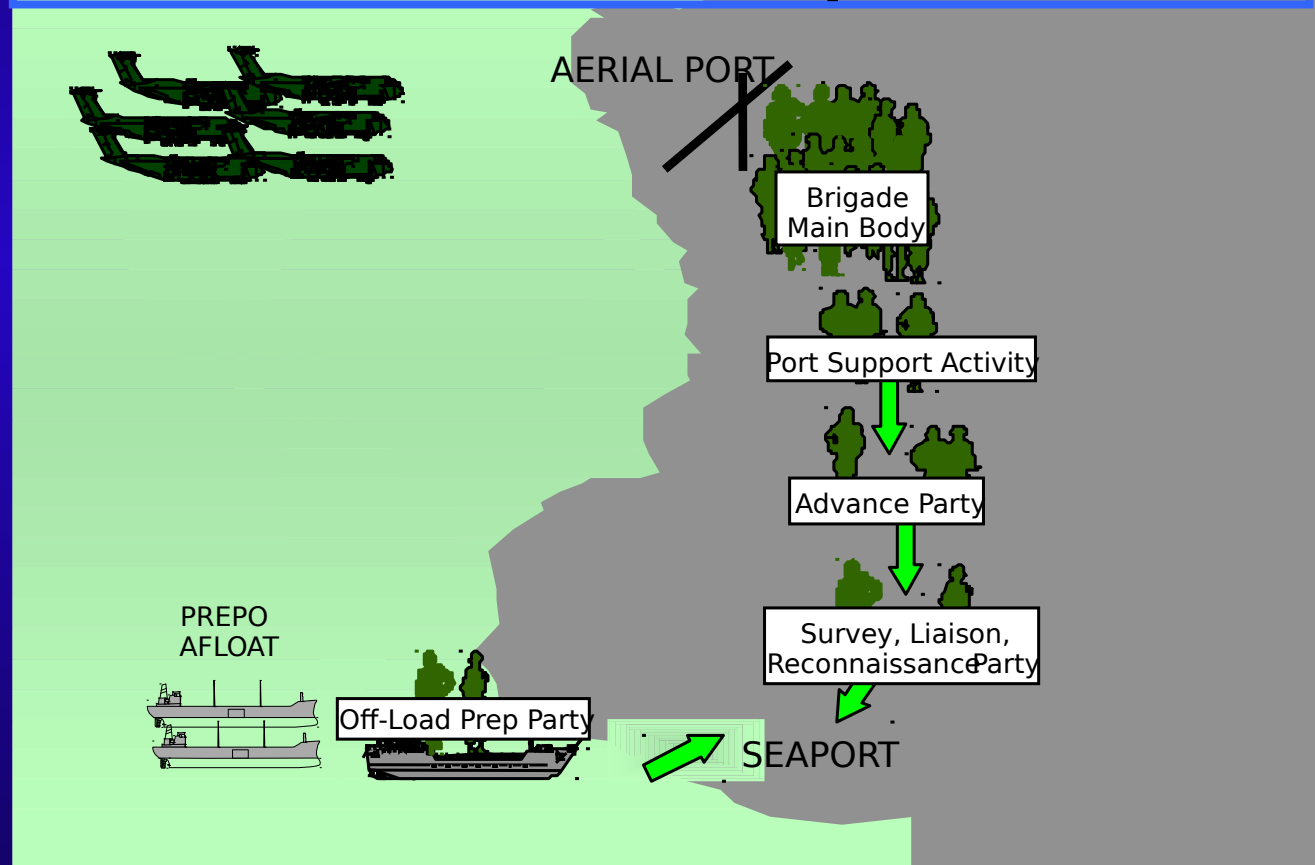
# Unit & UMO Considerations for APS Operations (Cont)

- Unit Commander and UMO must access ABS Army Materiel Command's ABS contains:
  - + Battlebooks for APS sites / vessels
  - + APS equipment listing by UIC
  - + Equipment draw procedures & site information
  - + Unit checklists for APS operations

ABS info available at <http://www.battleweb.com>  
and <http://www.battlebooks.com>



# Army Prepositioned Afloat (APA) Reception







# Army Prepositioned Afloat (APA) -- Key Organizations

- Unit interfaces with and is supported by:
  - MTMC & Composite Transportation Group (CTG)
  - + MTMC is port manager, CTG is port operator
  - + CTG operates SPOD and is responsible for onward movement of equip and personnel

PSA: Performs normal PSA functions



# APA -- Key Organizations and Activities (Cont)



- Unit interfaces with and is supported by: (Cor  
Offload Preparation Party (OPP)
  - + AMC controlled team consisting of AMC, MTMC and contractor employees
  - + Purpose is to discharge, process and transfer APA equipment to unit
  - + Deploying unit generally provides representative to OPP



# APA -- Unit Organization for APA Operations



- Survey, Liaison, Reconnaissance Party (SLRP)  
Includes reps from deploying unit, MCT, AMC  
port commander  
Arrives SPOD prior to APA vessel arrival  
Purpose:
  - + Reconnaissance, liaison with theater autho
  - + Prepare for advance party & main body arr



# APA -- Unit Organization for APA operations (Cont)



- Advance Party

Formed from deploying unit(s)

Primary tasks:

- + Arrange for reception of unit main body
- + Rendezvous with APA ships
- + Assist in port support and discharge operations

Should include battery teams, fuel handlers, drivers, property book & supply personnel



# APA -- Unit Organization for APA operations (Cont)



- PSA: Unit may be required to provide own or supplement PSA at SPOD
- Unit Main Body
  - + Receives equipment at the APA site
  - + Moves to TAA or other designated location
  - + Prepares for continued operations



# Army Prepositioned Land (APL) -- Unit Organization for APL Operations

- Unit Advance Party

Moves from APOD to APL location

Signs for unit APS equipment

Moves Equipment to marshaling area in vicinity of APL site





# Staging







# Staging (Cont)



- Staging Process:

Reassemble and reunite units with their equipment

Upload unit basic loads

Prepare and schedule units for onward movement to TAA

Provide life support until unit is self sustaining



# Theater Staging Base (TSB)



- TSBs provides an arm, fuel, fix capability.  
They include:

Marshaling areas, maintenance shelters

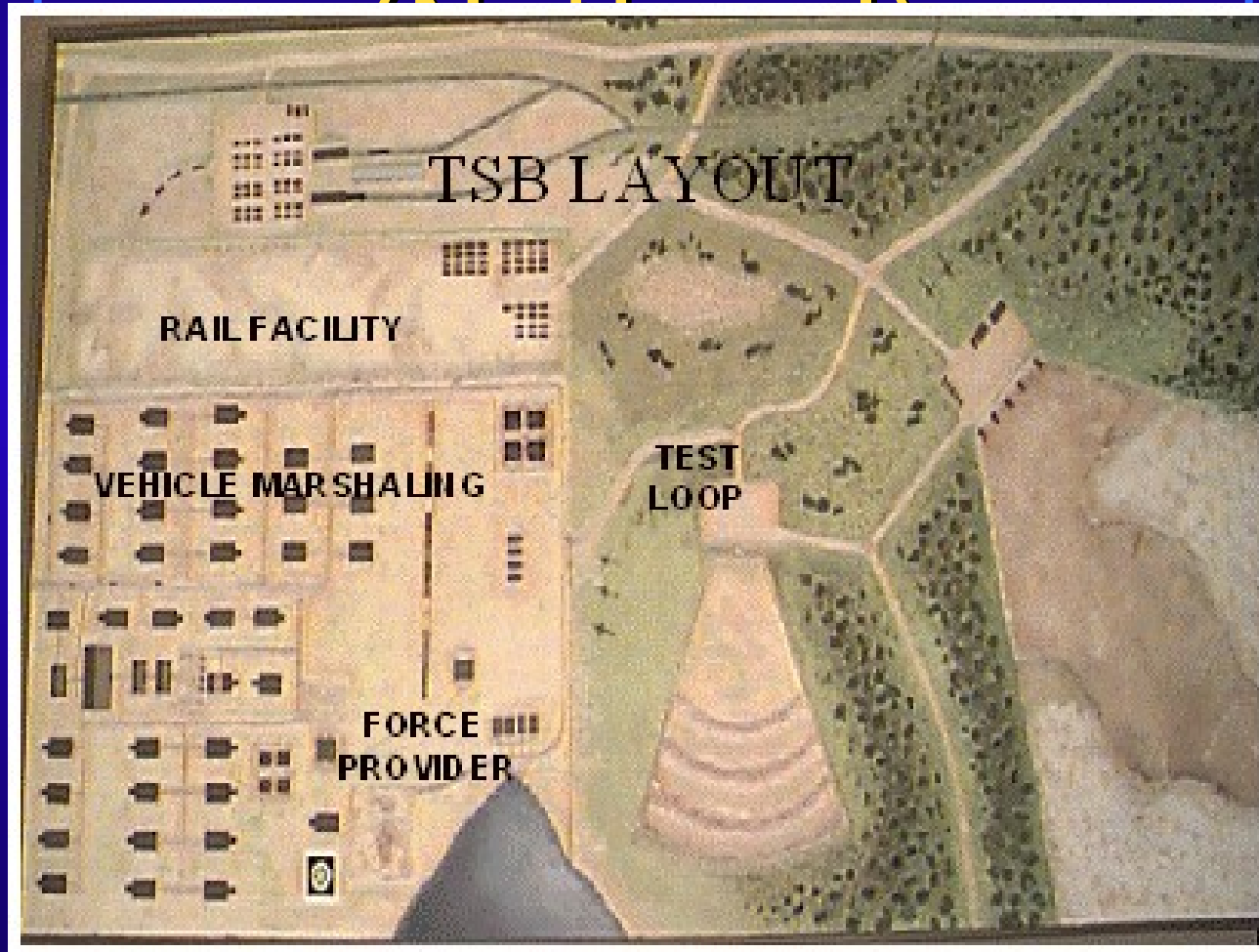
Equipment calibration, weapons boresighting

Fuel and ammo storage

Test driving loop and range areas



# Theater Staging Base Layout





# TSB -- Unit and UMO Movement Tasks



- Coordinate with MCT for onward movement
- schedule and movement procedures by mode (rail, road, inland/coastal waterway)
- Process necessary movement documentation (convoy requests, rail load plans)
- Coordinate with supporting units responsible for rail loading and convoy assembly operations





# Onward Movement





# Onward Movement (Cont)



- Onward Movement Process:  
Moving units & materiel from reception facilities and staging bases to TAA or other destinations
- Onward movement is normally planned, scheduled and controlled by movement control agencies battalions and teams.
- Numerous forces and host nation traffic may be competing for movement over same LOC.



# Onward Movement -- UMO Considerations & Tasks



- UMO tasks essentially same as covered in APOD/SPOD preparation for onward movement
- Support facilities, such as convoy support centers, may be established to support unit onward movement
- Security concerns can impact unit organization for onward movement





# Integration





# Integration Process



- To achieve integration, the unit:

Must become operational and mission-ready  
-- move, fight and communicate

Must be absorbed into the joint force

- Integration is complete when receiving commander establishes command & control over arriving unit



# SUMMARY



# On Learnin g





# On Learnin



QUESTION 1: What APOD area does the unit use to reinstall equipment removed from strategic deployment, and reconfigure and prepare its equipment for movement by the designated onward movement mode?

Answer 1: The deploying unit uses the port marshaling area to prepares its equipment for movement out of the APOD area.



# On Learnin

QUESTION 2: For Army Pre-positioned Stocks (APS) equipment draws, where can the UMO find

planning guidance and checklists, and detailed

information about the APS sites and vessels?

Answer 2: FMS 100-17-1 & 100-17-2 provide doctrine & checklists for APS operations.

ABS battlebooks provide info on APS vessels

& land sites



# On Learnin g



QUESTION 3: What theater controlled area is established to reassemble combat units and their equipment when inadequate space or facilities exist at the SPODs?

Answer 3: Theater staging bases are established for reassembling soldiers and their equipment into an effective combat force.





# Let's Review



On  
Review



# On Review

QUESTION 1: What organization at the APOD receives the unit's equipment from the TALCE and transfers the equipment to the deploying unit?

Answer 1: The A/DACG receives the unit's equipment from the TALCE and processes the equipment for transfer to the deploying unit.



# On Review

QUESTION 2: For departure from the APOD to theater staging bases or other destinations, what organization does the UMO coordinate with for detailed information on movement schedules,

procedures and unit movement

Answer 2: The Port Movement Control Team responsibilities?

assists the unit in preparing for and executing onward movement from port reception facilities



# On Review

QUESTION 3: For APA operations, what task-organized element deploys to the APA discharge site prior to vessel arrival to provide liaison and prepare for advance party and main body arrival?

Answer 3: The Survey, Liaison, Reconnaissance Party arrives ahead of the APA vessel, performs liaison, and prepares for main body and advance



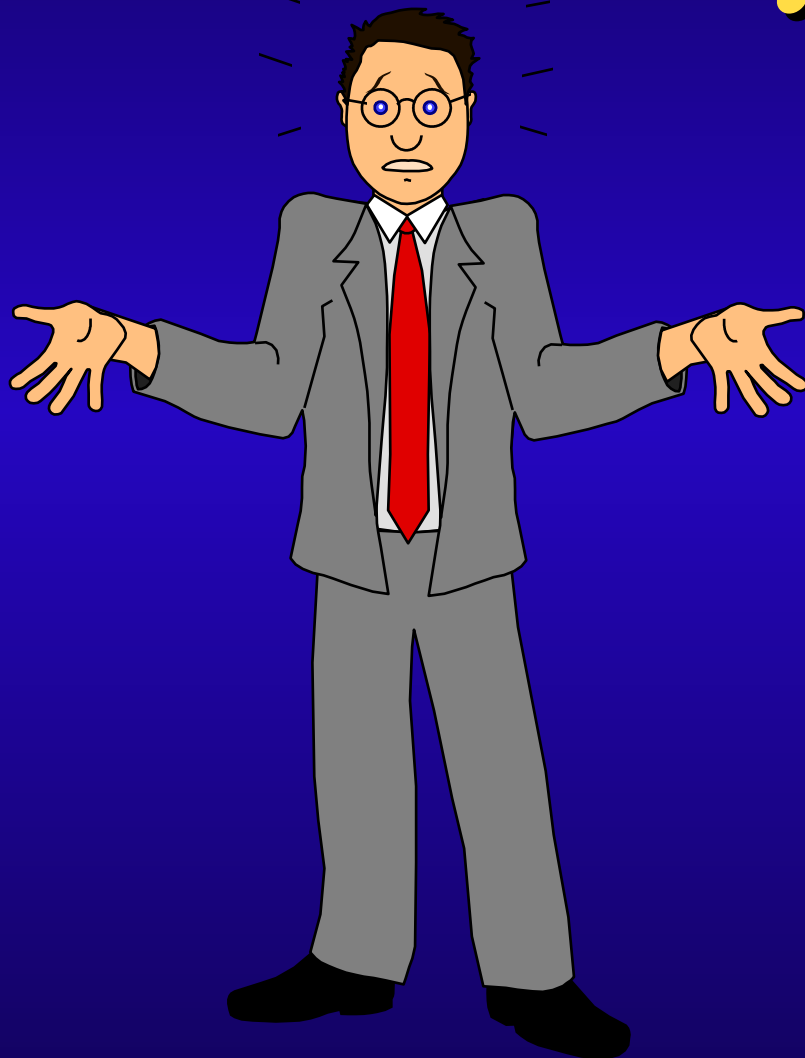
# On Review

QUESTION 4: What RSO&I process culminates with the transfer of authority over the unit to designated commander for employment in the theater of operations.

Answer 4: Integration is the transfer of authority over units and forces to a designated commander for employment in the theater of operations.



# Questions ??







# What's Coming



U M O D P C



**Break**



**10 mins**